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Product Specification

Product Name:

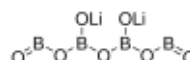
Lithium tetraborate - ≥99.9% trace metals basis

Product Number:

222534

CAS Number:

12007-60-2



Formula:

B₄Li₂O₇

Formula Weight:

169.12 g/mol

TEST

Specification

Appearance (Colour)	White
Appearance (Form)	Powder
X-Ray Diffraction	Conforms to Structure
Purity (Titration by NaOH) % B	≥ 25.0 %
Loss on ignition	≤ 1.00 %
Average Particle Size	
Purity > = 99.9% Based On Trace Metals Analysis By ICP and AA Combined	Meets Requirements
Trace Metal Analysis	≤ 1000.0 ppm
Atomic Absorption	≤ 1000.0 ppm
Note May contain small amounts of LiBO ₂	Conforms

Specification: PRE.0.ZQ5.10000012094

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.